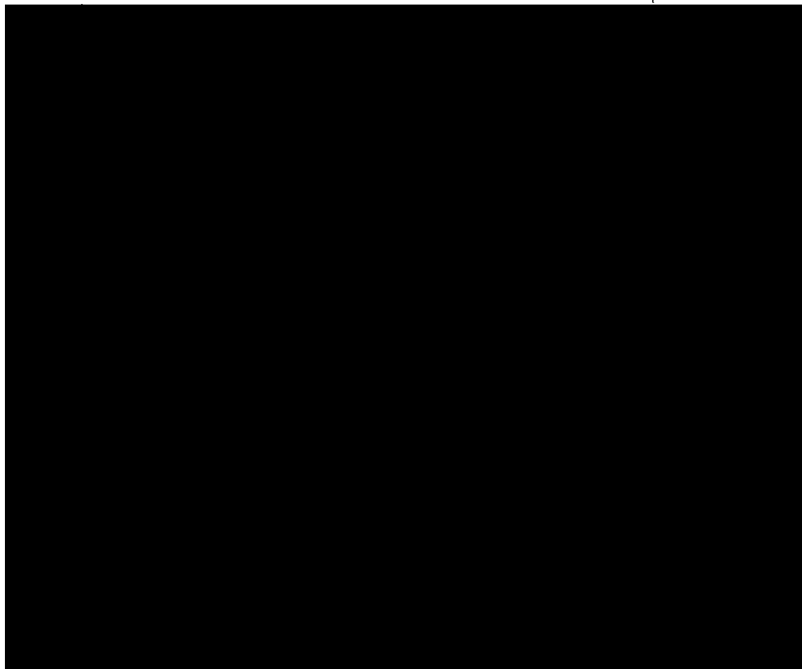


25X1A



CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT NO.

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 27 Oct. 1949

SUBJECT. Turbine Research at the Scientific-Technical Bureau, Ministry for Heavy Machinery (NTO/MM)

NO. OF PAGES 2

PLACE
ACQUIRED

NO. OF ENCLS. 1#
(LISTED BELOW)

25X1A

DATE OF INFO: 11/11/1964

SUPPLEMENT TO
REPORT NO.

25X1X

1. The foremost task of the technological department of the Scientific-Technical Bureau, Ministry for Heavy Machinery, (NTO/MTM) Berlin-Niederschönhausen, Seckendorffstrasse 21, House 8, is the development of test stands for five different high pressure steam valves of 300 atmospheres and 600°C. These valves are to be used for ships of the Russian Navy. Development of the test stands started in late 1948 and they are to be put into operation by December 1949 at the latest. Designs have been completed and details are now being drawn in order to start production as soon as possible. In order to avoid any later bottlenecks, those parts which will require a long production period will be drawn first. Because of the high priority of this project, over 30% of the personnel of the technological department are being employed for the development of the test stands and the completion of the required drawings.
2. The Russians had the designs of the test stands checked by a scientist whose name could not be ascertained. This man returned the designs with a statement that he could find no fault with them. The Russians, however, were not satisfied and submitted the designs to the SMA Karlshorst Department of Steam Power Plants and charged Chief Engineer Friedrich, who formerly was responsible for the high-pressure steam power installations of the Borsig-Werke in Berlin-Tegel, to check them again. Friedrich found many faults with the designs. His critical comments caused Franzke, chief of the technological department of the NTO/MTM, considerable difficulty. Only after Franzke had proven that Friedrich's criticism was biased did the Russians give permission for the construction of the test stands according to the original designs.
3. At the diesel motor construction department, two employees were recently publicly praised and received a bonus and an increase in salary. Since the men were neither scientists nor designers, the reason for the reward was investigated and it was determined that the two employees had carried out a special task to the full satisfaction of the Russians. As private purchasing agents, both men had been buying in Western Germany and in the Western Sector of Berlin equipment and apparatus for the construction of a test field for diesel rotors in Russia.

STATE	NAVY	NSRB	SECRET
ARMY*	AIR	FBI	DISTRIBUTION

EVALUATE

SECRET

25X1A

CENTRAL INTELLIGENCE AGENCY

- 2 -

4. For about two months now the Russian management of the NTO/MM has been trying to induce all its German employees residing in the Western Sector to move to the Eastern Sector of Berlin. Special pressure has been brought to bear on the leading technicians of the Bureau. A group of buildings in the vicinity of Schloss Nieder-Schönhausen has been provided as residence area. This area is considered off limits and is inhabited by SED party officials such as Pieck and Grotewohl. In spite of all attempts, very few employees actually have given up residence in the Western Sector.
5. Attached is a photostated drawing of a gas turbine of 14,790 hp and 6,650 rpm designed at NTO/MM in April 1948. According to the legend at the right hand corner of the sheet Rosenlöcher, Gieselar, Müller and Burchard developed this turbine. Attention is called to the fact that the script on these design sheets was done by the German specialists themselves, who had to take a course in Russian writing in order to be able to put down the technical data in Russian letters to maintain strictest secrecy and to prevent any deciphering of technical data by unauthorized persons.

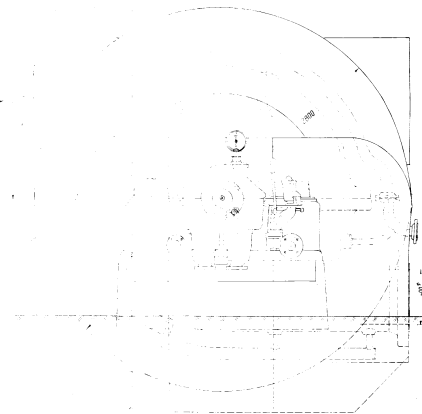
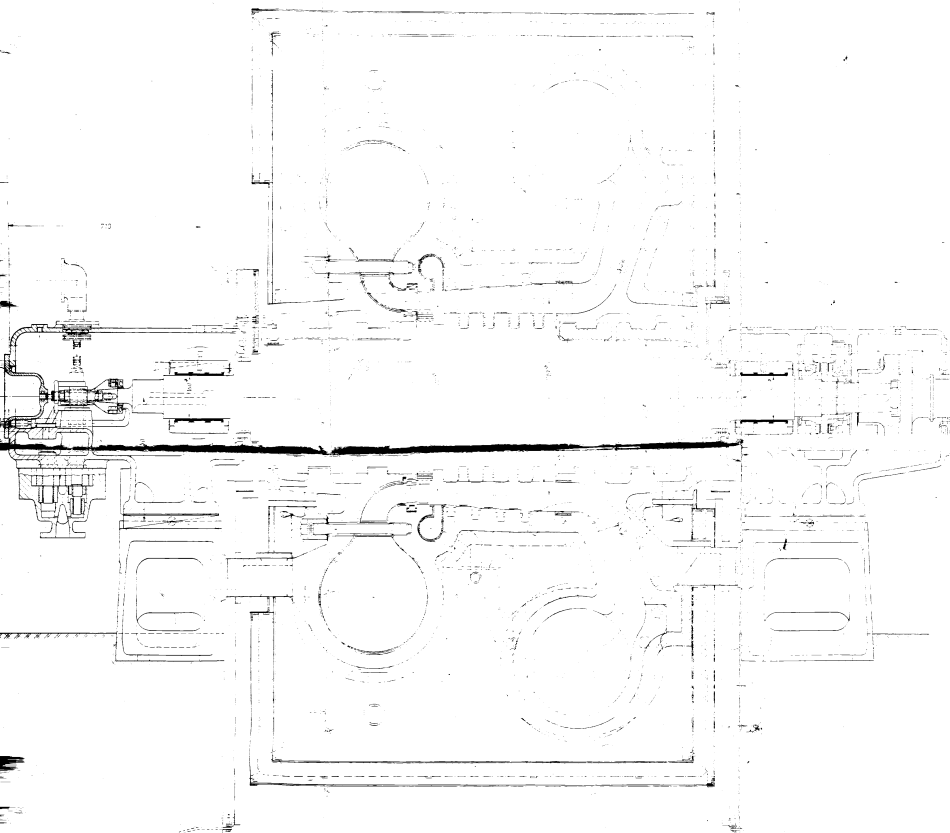
Encl: Photostated drawing of a gas turbine (1 page).

SECRET

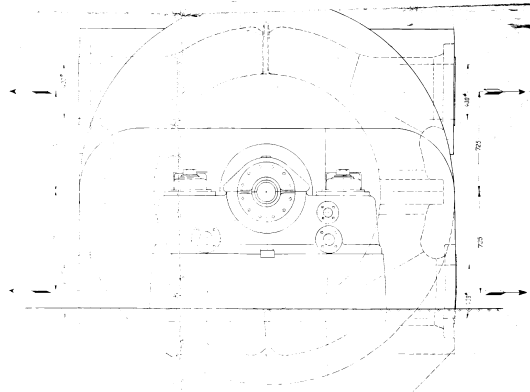
18009

Approved For Release 2001/12/12 : CIA-RDP83-00415R003600020004-5

50091



Вид со стороны концевой подшипника



Вид со стороны концевой подшипника

25X1X

Approved For Release 2001/12/12 : CIA-RDP83-00415R003600020004-5